

Tian Liu

List of Publications by Year in descending order

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143
papers

2,863
citations

172457

29
h-index

265206

42
g-index

143
all docs

143
docs citations

143
times ranked

1811
citing authors

#	ARTICLE	IF	CITATIONS
1	BIOINSECTICIDES AS FUTURE MAINSTREAM PEST CONTROL AGENTS: OPPORTUNITIES AND CHALLENGES. <i>Frontiers of Agricultural Science and Engineering</i> , 2022, 9, 82.	1.4	7
2	Limit equilibrium solutions to anti-overturning bearing capacity of suction caissons in uniform and linearly increasing strength clays. <i>Canadian Geotechnical Journal</i> , 2022, 59, 304-313.	2.8	6
3	Field performances of energy pile based on the secondary utilization of sonic logging pipes. <i>Geomechanics for Energy and the Environment</i> , 2022, 32, 100280.	2.5	2
4	Responses of suction buckets subjected to sustained vertical uplift loads in sand. <i>Marine Georesources and Geotechnology</i> , 2022, 40, 36-51.	2.1	6
5	A midgut-specific lytic polysaccharide monoxygenase of <i>Locusta migratoria</i> is indispensable for the deconstruction of the peritrophic matrix. <i>Insect Science</i> , 2022, , .	3.0	3
6	Insect Enzymes in Chitin Turnover and Deacetylation. , 2022, , 235-257.		0
7	Unsymmetrically Regioselective Homodimerization Depends on the Subcellular Colocalization of Laccase/Fasciclin Protein in the Biosynthesis of Phlegmacins. <i>ACS Chemical Biology</i> , 2022, 17, 791-796.	3.4	6
8	Chitin in insect cuticle. <i>Advances in Insect Physiology</i> , 2022, , 1-110.	2.7	5
9	Rational Design, Synthesis, and Biological Investigations of <i>N</i> -Methylcarbamoylguanidiny Azamacrolides as a Novel Chitinase Inhibitor. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4889-4898.	5.2	15
10	Interpretation of Interbedded Thin-Soft Layer Properties from T-Bar Penetration Tests. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2022, 148, .	3.0	0
11	Coassembly of a New Insect Cuticular Protein and Chitosan via Liquid-Liquid Phase Separation. <i>Biomacromolecules</i> , 2022, 23, 2562-2571.	5.4	9
12	SERCA interacts with chitin synthase and participates in cuticular chitin biogenesis in <i>Drosophila</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2022, 145, 103783.	2.7	7
13	Microstructural Evolution alongside the Strength Degradation of Soft Marine Soil under Cyclic Loading. <i>International Journal of Geomechanics</i> , 2022, 22, .	2.7	2
14	Group Performance of Energy Piles under Cyclic and Variable Thermal Loading. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2022, 148, .	3.0	86
15	AA15 lytic polysaccharide monoxygenase is required for efficient chitinous cuticle turnover during insect molting. <i>Communications Biology</i> , 2022, 5, .	4.4	10
16	Piperonyl-Tethered Rhodanine Derivatives Potently Inhibit Chitinolytic Enzymes of <i>Ostrinia furnacalis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 7387-7399.	5.2	10
17	Design, synthesis, biological evaluation and molecular docking of C-glycosidic oximino carbamates as novel OfHex1 inhibitors. <i>Carbohydrate Research</i> , 2022, 520, 108629.	2.3	4
18	Insect group II chitinase OfChtII promotes chitin degradation during larva-pupa molting. <i>Insect Science</i> , 2021, 28, 692-704.	3.0	24

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19	Identification of novel insect \hat{I}^2 -N-acetylhexosaminidase OfHex1 inhibitors based on virtual screening, biological evaluation, and molecular dynamics simulation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1735-1743.	3.5	12
20	Experimental Study on the Effect of Plant Ash on Soft Clay Stabilized with Cement-Based Composites. <i>Geotechnical and Geological Engineering</i> , 2021, 39, 105-117.	1.7	8
21	Experimental study and constitutive modeling of volume change behavior in unsaturated soils. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 679-689.	3.5	4
22	The influence of organic matter on the strength development of cement-stabilized marine soft clay. <i>Marine Georesources and Geotechnology</i> , 2021, 39, 983-993.	2.1	11
23	Efficient reliability analysis of slopes integrating the random field method and a Gaussian process regression-based surrogate model. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2021, 45, 478-501.	3.3	28
24	Structure-based virtual screening of highly potent inhibitors of the nematode chitinase <i>Cht1</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1198-1204.	5.2	8
25	An overall look at insect chitin deacetylases: Promising molecular targets for developing green pesticides. <i>Journal of Pesticide Sciences</i> , 2021, 46, 43-52.	1.4	15
26	Crystal Structure and Structure-Based Discovery of Inhibitors of the Nematode Chitinase <i>Cht1</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3519-3526.	5.2	10
27	Discovery of Kasugamycin as a Potent Inhibitor of Glycoside Hydrolase Family 18 Chitinases. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 640356.	3.5	9
28	Predicting lateral displacement caused by seismic liquefaction and performing parametric sensitivity analysis: Considering cumulative absolute velocity and fine content. <i>Frontiers of Structural and Civil Engineering</i> , 2021, 15, 506.	2.9	0
29	Pore Pressure and Strength Behaviors of Reconstituted Marine Sediments Involving Thermal Effects. <i>International Journal of Geomechanics</i> , 2021, 21, .	2.7	10
30	The Strength Assessment for T-bar Penetrometer Tests at Shallow Embedment in Clay considering Strain Softening. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 2369-2380.	1.9	2
31	A Piperine-Based Scaffold as a Novel Starting Point to Develop Inhibitors against the Potent Molecular Target <i>OfCht1</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7534-7544.	5.2	19
32	Resistance of Caisson Tip with Internal Bevels for Suction Caissons Penetrating into Clay. <i>International Journal of Geomechanics</i> , 2021, 21, .	2.7	4
33	Novel Inhibitors of an Insect Pest Chitinase: Design and Optimization of 9-O-Aromatic and Heterocyclic Esters of Berberine. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7526-7533.	5.2	19
34	Screening and preservation application of quorum sensing inhibitors of <i>Pseudomonas fluorescens</i> and <i>Shewanella baltica</i> in seafood products. <i>LWT - Food Science and Technology</i> , 2021, 149, 111749.	5.2	13
35	Discovery of Biphenyl-Sulfonamides as Novel \hat{I}^2 -N-Acetyl-Hexosaminidase Inhibitors via Structure-Based Virtual Screening. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12039-12047.	5.2	20
36	Discovery of Natural Products as Multitarget Inhibitors of Insect Chitinolytic Enzymes through High-Throughput Screening. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 10830-10837.	5.2	19

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37	Probabilistic evaluation of the seismic stability of infinite submarine slopes integrating the enhanced Newmark method and random field. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 2025-2043.	3.5	13
38	New Advances in Marine Engineering Geology. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 66.	2.6	1
39	Lynamicin B is a Potential Pesticide by Acting as a Lepidoptera-Exclusive Chitinase Inhibitor. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 14086-14091.	5.2	11
40	Hydro-mechanical constitutive model for overconsolidated unsaturated soils. <i>European Journal of Environmental and Civil Engineering</i> , 2020, 24, 1802-1820.	2.1	7
41	Effect of salt on strength development of marine soft clay stabilized with cement-based composites. <i>Marine Georesources and Geotechnology</i> , 2020, 38, 672-685.	2.1	13
42	Experimental study on the undrained shear strength of deep-sea soft soil using improved T-bar penetrometer. <i>Marine Georesources and Geotechnology</i> , 2020, 38, 1199-1208.	2.1	14
43	A Series of Compounds Bearing a Dipyrido-Pyrimidine Scaffold Acting as Novel Human and Insect Pest Chitinase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 987-1001.	6.4	29
44	Molecular Insights into the Insensitivity of Lepidopteran Pests to Cyclozaprid. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 982-988.	5.2	5
45	Influence of Silica Fume and Additives on Unconfined Compressive Strength of Cement-Stabilized Marine Soft Clay. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	18
46	Thiazolyhydrazone derivatives as inhibitors for insect N-acetyl- β -D-hexosaminidase and chitinase. <i>Chinese Chemical Letters</i> , 2020, 31, 1271-1275.	9.0	12
47	New lead discovery of insect growth regulators based on the scaffold hopping strategy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127500.	2.2	12
48	Crystal structure-guided design of berberine-based novel chitinase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1937-1943.	5.2	13
49	High-Speed Atomic Force Microscopy Reveals Factors Affecting the Processivity of Chitinases during Interfacial Enzymatic Hydrolysis of Crystalline Chitin. <i>ACS Catalysis</i> , 2020, 10, 13606-13615.	11.2	17
50	Geotechnical Properties of a New Transparent Clay. <i>International Journal of Geomechanics</i> , 2020, 20, .	2.7	5
51	X-ray Structure and Molecular Docking Guided Discovery of Novel Chitinase Inhibitors with a Scaffold of Dipyridopyrimidine-3-carboxamide. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 13584-13593.	5.2	8
52	Design, Synthesis, and Biological Activity of Novel Heptacyclic Pyrazolamide Derivatives: A New Candidate of Dual-Target Insect Growth Regulators. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6347-6354.	5.2	22
53	Synthesis of ureido thioglycosides as novel insect β -N-acetylhexosaminidase OfHex1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115602.	3.0	5
54	Installation effects of the post-grouted micropile in marine soft clay. <i>Acta Geotechnica</i> , 2020, 15, 3559-3569.	5.7	8

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55	Thermomechanical Behavior of Energy Piles and Interactions within Energy Pileâ€“Raft Foundations. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020, 146, .	3.0	40
56	Structural and biochemical insights into an insect gut-specific chitinase with antifungal activity. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 119, 103326.	2.7	21
57	Virtual screening, synthesis, and bioactivity evaluation for the discovery of Î²-N-acetyl-D-hexosaminidase inhibitors. <i>Pest Management Science</i> , 2020, 76, 3030-3037.	3.4	9
58	Development of Novel Pesticides Targeting Insect Chitinases: A Minireview and Perspective. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4559-4565.	5.2	34
59	Potent Fungal Chitinase for the Bioconversion of Mycelial Waste. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5384-5390.	5.2	13
60	Glycoside hydrolase family 18 chitinases: The known and the unknown. <i>Biotechnology Advances</i> , 2020, 43, 107553.	11.7	81
61	Penetration Resistance of Skirt-Tip with Rough Base for Suction Caissons in Clay. <i>China Ocean Engineering</i> , 2020, 34, 784-794.	1.6	1
62	Design and Optimization of Thioglycosylâ€“naphthalimides as Efficient Inhibitors Against Human O-GlcNAcase. <i>Frontiers in Chemistry</i> , 2019, 7, 533.	3.6	1
63	An intelligent response surface method for analyzing slope reliability based on Gaussian process regression. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2019, 43, 2431-2448.	3.3	25
64	Discovery of Novel Inhibitors Targeting Human O-GlcNAcase: Docking-Based Virtual Screening, Biological Evaluation, Structural Modification, and Molecular Dynamics Simulation. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 4374-4382.	5.4	19
65	Biochemical characterization of three midgut chitin deacetylases of the Lepidopteran insect <i>Bombyx mori</i> . <i>Journal of Insect Physiology</i> , 2019, 113, 42-48.	2.0	16
66	Influence of salt content on clay electro-dewatering with copper and stainless steel anodes. <i>Drying Technology</i> , 2019, 37, 2005-2019.	3.1	15
67	Naphthalimide and quinoline derivatives as inhibitors for insect N-acetyl-Î²-d-hexosaminidase. <i>Chinese Chemical Letters</i> , 2019, 30, 977-980.	9.0	6
68	Chitin Organizing and Modifying Enzymes and Proteins Involved In Remodeling of the Insect Cuticle. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1142, 83-114.	1.6	37
69	Synthesis, Optimization, and Evaluation of Glycosylated Naphthalimide Derivatives as Efficient and Selective Insect Î²-N-Acetylhexosaminidase OfHex1 Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6387-6396.	5.2	17
70	An optimized cocktail of chitinolytic enzymes to produce N,Nâ€²-diacetylchitobiose and N-acetyl-d-glucosamine from defatted krill by-products. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 1029-1034.	7.5	10
71	Structural dissection reveals a general mechanistic principle for group II chitinase (ChtII) inhibition. <i>Journal of Biological Chemistry</i> , 2019, 294, 9358-9364.	3.4	12
72	Pocket-based Lead Optimization Strategy for the Design and Synthesis of Chitinase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3575-3582.	5.2	24

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73	Prediction of aptamer-protein interacting pairs based on sparse autoencoder feature extraction and an ensemble classifier. <i>Mathematical Biosciences</i> , 2019, 311, 103-108.	1.9	22
74	Structural and biochemical insights into the catalytic mechanisms of two insect chitin deacetylases of the carbohydrate esterase 4 family. <i>Journal of Biological Chemistry</i> , 2019, 294, 5774-5783.	3.4	20
75	Glycosyl triazoles as novel insect β -N-acetylhexosaminidase OfHex1 inhibitors: Design, synthesis, molecular docking and MD simulations. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2315-2322.	3.0	10
76	A new approach to interpret the mechanical behaviour of unsaturated soil using effective stress and degree of saturation. <i>European Journal of Environmental and Civil Engineering</i> , 2019, 23, 1106-1124.	2.1	4
77	Theoretical studies on penetration resistance of suction caissons in clay. <i>Marine Georesources and Geotechnology</i> , 2019, 37, 558-567.	2.1	7
78	The deduced role of a chitinase containing two nonsynergistic catalytic domains. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018, 74, 30-40.	2.3	19
79	Design and synthesis of naphthalimide group-bearing thioglycosides as novel β -N-acetylhexosaminidases inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 445-452.	5.2	16
80	NucPosPred: Predicting species-specific genomic nucleosome positioning via four different modes of general PseKNC. <i>Journal of Theoretical Biology</i> , 2018, 450, 15-21.	1.7	35
81	Introduction to the thematic set of papers on: marine engineering geology. <i>Bulletin of Engineering Geology and the Environment</i> , 2018, 77, 893-895.	3.5	2
82	Structural analysis of group II chitinase (ChtII) catalysis completes the puzzle of chitin hydrolysis in insects. <i>Journal of Biological Chemistry</i> , 2018, 293, 2652-2660.	3.4	47
83	Revisiting glycoside hydrolase family 20 β -N-acetyl-d-hexosaminidases: Crystal structures, physiological substrates and specific inhibitors. <i>Biotechnology Advances</i> , 2018, 36, 1127-1138.	11.7	34
84	Structure-Based Virtual Screening, Compound Synthesis, and Bioassay for the Design of Chitinase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3351-3357.	5.2	45
85	Large deformation finite element analysis of the installation of suction caisson in clay. <i>Marine Georesources and Geotechnology</i> , 2018, 36, 883-894.	2.1	22
86	Selective inhibition of β -N-acetylhexosaminidases by thioglycosyl-naphthalimide hybrid molecules. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 394-400.	3.0	14
87	Characteristics of soft marine clay under cyclic loading: a review. <i>Bulletin of Engineering Geology and the Environment</i> , 2018, 77, 1027-1046.	3.5	32
88	Modification of the Thioglycosyl-Naphthalimides as Potent and Selective Human O-GlcNAcase Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 1241-1246.	2.8	14
89	Quaternary Ammonium Compound Functionalized Activated Carbon Electrode for Capacitive Deionization Disinfection. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 17204-17210.	6.7	15
90	Design and synthesis of thiazolyldrazone derivatives as inhibitors of chitinolytic N-acetyl- β -d-hexosaminidase. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5420-5426.	3.0	15

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91	Glycoside hydrolase family 18 and 20 enzymes are novel targets of the traditional medicine berberine. <i>Journal of Biological Chemistry</i> , 2018, 293, 15429-15438.	3.4	52
92	A potent chitinase from <i>Bacillus subtilis</i> for the efficient bioconversion of chitin-containing wastes. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 863-868.	7.5	47
93	A slurry consolidation method for reconstitution of triaxial specimens. <i>KSCE Journal of Civil Engineering</i> , 2017, 21, 150-159.	1.9	9
94	Structure, Catalysis, and Inhibition of OfChi-h, the Lepidoptera-exclusive Insect Chitinase. <i>Journal of Biological Chemistry</i> , 2017, 292, 2080-2088.	3.4	69
95	Experimental study on the hydraulic conductivity of calcareous sand in South China Sea. <i>Marine Georesources and Geotechnology</i> , 2017, 35, 1037-1047.	2.1	27
96	Water content and shear strength evaluation of marine soil after electro-osmosis experiments. <i>Drying Technology</i> , 2017, 35, 1696-1710.	3.1	17
97	Microbial Secondary Metabolite, Phlegmacin B ₁ , as a Novel Inhibitor of Insect Chitinolytic Enzymes. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3851-3857.	5.2	52
98	Cyclic strength of sand under a nonstandard elliptical rotation stress path induced by wave loading. <i>Journal of Hydrodynamics</i> , 2017, 29, 89-95.	3.2	11
99	Synthesis of NAM-thiazoline derivatives as novel O-GlcNAcase inhibitors. <i>Carbohydrate Research</i> , 2016, 429, 54-61.	2.3	15
100	Production of <i>N</i> -Acetyl-d-glucosamine from Mycelial Waste by a Combination of Bacterial Chitinases and an Insect <i>N</i> -Acetyl-d-glucosaminidase. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6738-6744.	5.2	28
101	Experimental Measurement of the Permeability of Calcareous Sands in the South China Sea. , 2016, , .		2
102	Chitin Metabolic Pathways in Insects and Their Regulation. , 2016, , 31-65.		12
103	A Novel Scaffold for Developing Specific or Broad-Spectrum Chitinase Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 2413-2420.	5.4	27
104	Group effect of dragload in pile groups embedded in consolidating soil under embankment load. <i>KSCE Journal of Civil Engineering</i> , 2016, 20, 2208-2220.	1.9	9
105	A crystal structure-guided rational design switching non-carbohydrate inhibitors' specificity between two β -GlcNAcase homologs. <i>Scientific Reports</i> , 2015, 4, 6188.	3.3	25
106	A comprehensive study on numerical analysis of contaminant migration process in compacted clay liner and underlying aquifer for MSW landfill. <i>European Journal of Environmental and Civil Engineering</i> , 2015, 19, 950-975.	2.1	8
107	Comparison of Electro-Osmosis Experiments on Marine Sludge with Different Electrode Materials. <i>Drying Technology</i> , 2015, 33, 986-995.	3.1	52
108	Synthesis of NAG-thiazoline-derived inhibitors for β -N-acetyl-d-hexosaminidases. <i>Carbohydrate Research</i> , 2015, 413, 135-144.	2.3	12

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109	Exploring NAG- β -thiazoline and its derivatives as inhibitors of chitinolytic β -N-acetylglucosaminidases. FEBS Letters, 2015, 589, 110-116.	2.8	24
110	Fully Deacetylated Chitoooligosaccharides Act as Efficient Glycoside Hydrolase Family 18 Chitinase Inhibitors. Journal of Biological Chemistry, 2014, 289, 17932-17940.	3.4	56
111	Exploring unsymmetrical dyads as efficient inhibitors against the insect β -N-acetyl-d-hexosaminidase OfHex2. Biochimie, 2014, 97, 152-162.	2.6	9
112	Structural characteristics of an insect group I chitinase, an enzyme indispensable to moulting. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 932-942.	2.5	51
113	Proteomic Analysis of Insect Molting Fluid with a Focus on Enzymes Involved in Chitin Degradation. Journal of Proteome Research, 2014, 13, 2931-2940.	3.7	72
114	Structural Insights into Chitinolytic Enzymes and Inhibition Mechanisms of Selective Inhibitors. Current Pharmaceutical Design, 2014, 20, 754-770.	1.9	30
115	Cloning, expression and biocharacterization of <i>OfCht5</i> , the chitinase from the insect <i>Ostrinia furnacalis</i> . Insect Science, 2013, 20, 147-157.	3.0	46
116	O-GlcNAcPRED: a sensitive predictor to capture protein O-GlcNAcylation sites. Molecular BioSystems, 2013, 9, 2909.	2.9	45
117	Elimination of substrate inhibition of a β -N-acetyl-d-hexosaminidase by single site mutation. Process Biochemistry, 2013, 48, 103-108.	3.7	15
118	Development of Unsymmetrical Dyads As Potent Noncarbohydrate-Based Inhibitors against Human β -N-Acetyl-d-hexosaminidase. ACS Medicinal Chemistry Letters, 2013, 4, 527-531.	2.8	25
119	BIOCHEMICAL CHARACTERIZATION OF A NOVEL β -N-ACETYLHEXOSAMINIDASE FROM THE INSECT <i>OSTRINIA FURNACALIS</i> . Archives of Insect Biochemistry and Physiology, 2013, 83, 115-126.	1.5	9
120	A Sperm Plasma β -N-Acetyl-D-Hexosaminidase Interacting with a Chitinolytic β -N-Acetyl-D-Hexosaminidase in Insect Molting Fluid. PLoS ONE, 2013, 8, e71738.	2.5	14
121	Behavior and mechanism of Cd(II) adsorption on loess-modified clay liner. Desalination and Water Treatment, 2012, 39, 10-20.	1.0	15
122	Comparative Biochemistry of GH3, GH20 and GH84 β-N-acetyl-Dhexosaminidases and Recent Progress in Selective Inhibitor Discovery. Current Drug Targets, 2012, 13, 512-525.	2.1	24
123	Molecular and Biochemical Characterization of a Novel β -N-Acetyl-D-Hexosaminidase with Broad Substrate-Spectrum from the Aisan Corn Borer, <i>Ostrinia Furnacalis</i> . International Journal of Biological Sciences, 2012, 8, 1085-1096.	6.4	28
124	A Modeling Study for Structure Features of β -N-Acetyl-d-hexosaminidase from <i>Ostrinia furnacalis</i> and its Novel Inhibitor Allosamidin: Species Selectivity and Multi-Target Characteristics. Chemical Biology and Drug Design, 2012, 79, 572-582.	3.2	10
125	Structural Insights into Cellulolytic and Chitinolytic Enzymes Revealing Crucial Residues of Insect β -N-acetyl-D-hexosaminidase. PLoS ONE, 2012, 7, e52225.	2.5	16
126	Structural Determinants of an Insect β -N-Acetyl-d-hexosaminidase Specialized as a Chitinolytic Enzyme. Journal of Biological Chemistry, 2011, 286, 4049-4058.	3.4	88

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127	Prediction of mitochondrial proteins of malaria parasite using bi-profile Bayes feature extraction. <i>Biochimie</i> , 2011, 93, 778-782.	2.6	34
128	The gene, expression pattern and subcellular localization of chitin synthase B from the insect <i>Ostrinia furnacalis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 302-307.	2.1	30
129	A novel alternative splicing site of class A chitin synthase from the insect <i>Ostrinia furnacalis</i> " Gene organization, expression pattern and physiological significance. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 923-931.	2.7	51
130	Active-pocket size differentiating insectile from bacterial chitinolytic \hat{I}^2 -N-acetyl-D-hexosaminidases. <i>Biochemical Journal</i> , 2011, 438, 467-474.	3.7	46
131	Determination of diffusion coefficient and analysis of diffusion factors of Cr(VI) ion in clay soil. <i>Transactions of Tianjin University</i> , 2011, 17, 51-56.	6.4	4
132	Dragload and downdrag performances of inclined pile group embedded in consolidating soil. <i>Transactions of Tianjin University</i> , 2011, 17, 175-180.	6.4	5
133	Synthesis, Evaluation, and Mechanism of \hat{I}^2 -N-acetyl-D-hexosaminidase as Selective Inhibitors of Glycosyl Hydrolase Family 20 \hat{I}^2 -N-acetyl-D-hexosaminidases. <i>ChemBioChem</i> , 2011, 12, 457-467.	2.6	42
134	Loading sequence effects on dragload and downdrag for pile foundation. <i>Transactions of Tianjin University</i> , 2010, 16, 203-208.	6.4	6
135	A high-accuracy protein structural class prediction algorithm using predicted secondary structural information. <i>Journal of Theoretical Biology</i> , 2010, 267, 272-275.	1.7	94
136	Alignment-free Comparison of Protein Sequences Based on Reduced Amino Acid Alphabets. <i>Journal of Biomolecular Structure and Dynamics</i> , 2009, 26, 763-769.	3.5	10
137	Evaluation of group effect of pile group under dragload embedded in clay. <i>Central South University</i> , 2009, 16, 503-512.	0.5	7
138	Protein secondary structure class assignment on the basis of a new graphic representation. <i>International Journal of Quantum Chemistry</i> , 2009, 109, 819-825.	2.0	2
139	Expression, purification and characterization of the chitinolytic \hat{I}^2 -N-acetyl-d-hexosaminidase from the insect <i>Ostrinia furnacalis</i> . <i>Protein Expression and Purification</i> , 2009, 68, 99-103.	1.3	33
140	Adaptive element free Galerkin method applied to analysis of earthquake induced liquefaction. <i>Earthquake Engineering and Engineering Vibration</i> , 2008, 7, 217-224.	2.3	10
141	A novel \hat{I}^2 -N-acetyl-D-hexosaminidase from the insect <i>Ostrinia furnacalis</i> (Guené). <i>FEBS Journal</i> , 2008, 275, 5690-5702.	4.7	52
142	Study on damage bifurcation and instability of rock-like materials. <i>Acta Mechanica Solida Sinica</i> , 2006, 19, 275-282.	1.9	3
143	An Experimental Study on Creep Behaviour and Hyperbolic Constitutive Model of Geogrids with Applications. , 2006, , 281.		3